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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

TI-35285

First Inventor

Keerthinarayan P. Heragu

Title

Self-Timed Strobe Generator and Method for Use with Multi-Strobe
Random Access Memories to Increase Memory Bandwidth

Express Mail Label No.

EU381662464US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.

3. ☒ Specification [Total Pages **16**]
(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total **2**]
Sheets

5. Oath or Declaration [Total **1**]
Pages

- a. ☒ Newly Executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)

i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); or

ii. ☐ paper

c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & documents(s))

10. ☐ 37 CFR 3.73(b) Statement [☒ Power of
(when there is an assignee) Attorney

11. ☐ English Translation Document (if applicable)

12. ☒ Information Disclosure [☒ Copies of IDS
Statement (IDS)/PTO-1449 Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.

17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Prior application information:

Examiner

of prior application No: _____ / _____

Group / Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS



Customer Number or Bar Code Label

23494

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

NAME

Texas Instruments Incorporated

ADDRESS

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE

(972) 917-5466

FAX

(972) 917-4418

Name (Print/Type)

Alan K. Stewart (Reg. No. 35,373) by Charles A. Rattner (Reg. No. 40,136)

Signature

Date

August 5, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Express Mailing Label No.: EU381662464US

TOTAL AMOUNT OF PAYMENT (\$ 790

Complete If Known

Application Number
Filing Date August 5, 2003
First Named Inventor Keerthinarayan P. Heragu
Examiner Name
Group Art Unit
Attorney Docket No. TI-35285

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number 20-0668
- Deposit Account Name Texas Instruments Incorporated
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ Payment Enclosed:
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES						
Large Entity		Small Entity				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
1051	130	205	65	Surcharge - late filing fee of oath		
1052	50	227	25	Surcharge - late provisional filing fee or cover sheet		
1053	130	139	130	Non-English specification		
1812	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination		
1804	920*	112	920*	Requesting publication of SIR prior to Examiner action		
1805	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		
1251	110	215	55	Extension for reply within first month		
1252	400	216	195	Extension for reply within second month		
1253	920	217	445	Extension for reply within third month		
1254	1,440	218	695	Extension for reply within fourth month		
1255	1,960	228	945	Extension for reply within fifth month		
1401	320	219	155	Notice of Appeal		
1402	320	220	155	Filing a brief in support of an appeal		
1403	280	221	135	Request for oral hearing		
1451	1,510	138	1,510	Petition to institute a public use proceeding		
1452	110	240	55	Petition to revive - unavoidable		
1453	1,280	241	620	Petition to revive - unintentional		
1501	1,280	242	620	Utility issue fee (or reissue)		
1502	460	243	220	Design issue fee		
1503	620	244	300	Plant issue fee		
1460	130	122	130	Petitions to the Commissioner		
1807	50	123	130	Petitions related to Prov'l Apps (Proc. Fee under 37 CFR 1.17(q))		
1806	180	126	180	Submission of information Disclosure Stmt		
8021	40	581	40	Recording each patent assignment per property (times no. of properties)	40	
1809	740	246	355	Filing a submission after final rejection (37 CFR §1.129(a))		
1810	740	249	355	For each additional invention to be examined (37 CFR §1.129(b))		
1801	740	279	355	Request for Continued Examination (RCE)		
1802	900	169	900	Request for expedited examination of a design application		
Other fee (specify)						

FEE CALCULATION

1. BASIC FILING FEE						
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	
1001	750	201	375	Utility filing fee	\$750	
1002	330	206	160	Design filing fee		
1003	510	207	245	Plant filing fee		
1004	740	208	355	Reissue filing fee		
1005	160	214	75	Provisional filing fee		
SUBTOTAL (1)						(\$ 750

2. EXTRA CLAIM FEES						
			Claims	Fee from below		Fee Paid
Total Claims	20	-20**=	X	X	18	=
Independent Claims	2	-3** =	X	X	84	=
Multiple Dependent					270	=

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	
1202	18	203	9	Claims in excess of 20	
1201	84	202	40	Independent claims in excess of 3	
1203	280	204	135	Multiple dependent claim, if not paid	
1204	84	209	40	**Reissue independent claims over original patent	
1205	18	210	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

**or number previously paid, if greater; For Reissue, see above

**or number previously paid, if greater; For Reissue, see above

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type) Alan K. Stewart, Reg. No. 35,373 by Charles A. Rattner, Reg. No. 40,136

Signature

Complete (if applicable)

Phone (972) 917-5466

Date August 5, 2003

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Attorney Docket No. TI-35285

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Keerthinarayan P. HERAGU et al.

SERIAL NO.:

FILING DATE: 08/05/2003

TITLE: SELF-TIMED STROBE GENERATOR AND METHOD FOR USE WITH MULTI-STROBE RANDOM ACCESS MEMORIES TO INCREASE MEMORY BANDWIDTH

Commissioner for Patents
P.O. Box 1450
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

Express Mail label number: EU 381662464 US

Date of Deposit: 08/05/2003

I hereby state that the following *attached* papers or fees

Utility Patent Application Transmittal Letter (1 pp.)
Fee Transmittal Letter (1 pp.)
Declaration (1 pp.)
Assignment and Recordation Cover Sheet (2 pp.)
Specification (16 pp.)
Figures (2 pp, FIGS. 1-4)
Information Disclosure Statement and Copies of 3 references (46 pp.)
Return Receipt Postcard (2)

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Charles A Rattner (PTO Reg. No. 40,136)



Signature